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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/728,478	12/05/2003	Amy C. Roszak	DES 8481.0001	9505
152	7590	12/12/2005	EXAMINER	
CHERNOFF, VILHAUER, MCCLUNG & STENZEL 1600 ODS TOWER 601 SW SECOND AVENUE PORTLAND, OR 97204-3157			SHAH, MANISH S	
			ART UNIT	PAPER NUMBER
			2853	

DATE MAILED: 12/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/728,478

Applicant(s)

ROSZAK, AMY C.

Examiner

Manish S. Shah

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Goll (# US 4608108) in view of Takiyama et al. (# US 4490410).

Goll discloses a composition for printing on hard and uneven finish printing stock including 20 to 85% of mineral fiber (rock, slag, fussed glass) (column: 3, line: 5-20), 15 to 30% of cellulosic fiber (paper) (column: 3, line: 20-30) and from 0 to 20 % of filler, which includes calcium carbonate, plaster, gypsum, silica (column: 3, line: 39-50). They also discloses that the composition contained within a dispenser, which is perforated container or closed felt pouch (head box 10) (figure: 1). They also discloses the method of printing on printing stock including distributing the composition uniformly over the surface and removing the excess composition from the surface (figure: 1-2), and printing character on the surface with a printing composition (column: 5, line: 39-47).

Goll differs from the claim of the present invention is that (1) the composition includes the amount of the plaster of Paris from 50 to 95%. (2) The printing composition is selected from ink, carbon black, toner and oil based ink.

It would have been obvious to one having ordinary skill in the art at the time of invention was made to incorporate the plaster of Paris from 50 to 95%, since it has been

held that it is not inventive to discovering and optimum value or workable ranges by routine experimentation. *In re Aller*, 105 USPQ 233 (CCPA1955).

Takiyama et al. teaches that to get the high quality printed image, the printing composition includes any kind of ink, more preferably oil based ink (column: 5, line: 1-32).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the printing method of Goll by the aforementioned teaching of Takiyama et al. in order to have a high quality printed image.

2. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gumbert (# US 5698264).

Gumbert discloses a composition for printing on hard and uneven finish printing stock including 3 part of plaster of Paris (see Abstract; column: 6, line: 50-67), and 4 part of filler, which is selected from calcium carbonate, sand, and silica (column: 7, line: 1-10). They also discloses that the composition contained within a dispenser, which is brush combination (column: 5, line: 14-20). They also discloses that the printing stock is selected from the vellum, coated paper (column: 2, line: 30-45; column: 6, line: 8-12).

Gumbert differs from the claim of the present invention is that the composition includes the amount of the plaster of Paris from 50 to 95%, and amount of filler is from 5 to 50%.

It would have been obvious to one having ordinary skill in the art at the time of invention was made to incorporate the plaster of Paris from 50 to 95%, and filler is from

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5 to 50%, since it has been held that it is not inventive to discovering and optimum value or workable ranges by routine experimentation. *In re Aller*, 105 USPQ 233 (CCPA1955).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Manish S. Shah whose telephone number is (571) 272-2152. The examiner can normally be reached on 8:00am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen D. Meier can be reached on (571) 272-2149. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Manish S. Shah
Primary Examiner
Art Unit 2853

MSS

12/7/05